

Software Modeling Development with UML (CSP 586)

Output Screenshots

Team Information

Group Number - 21

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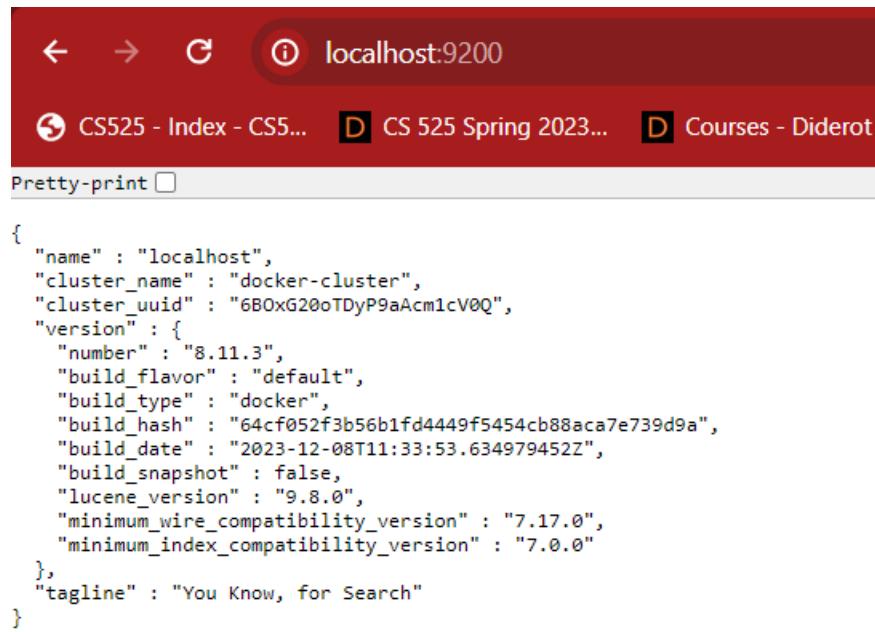
1. Start Project

Backend Running on port 5000.

```
▽ TERMINAL
○ PS D:\IIT\Spring 24\UML\Project\Project\Backend> npm start
  > backend@1.0.0 start
  > nodemon index.js

[nodemon] 3.1.0
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node index.js`
Server is running on port 5000
[]
```

Elasticsearch Running on port 9200.



The screenshot shows a browser window with the address bar set to "localhost:9200". Below the address bar, there are several tabs: "CS525 - Index - CS5...", "CS 525 Spring 2023...", and "Courses - Diderot". A "Pretty-print" button is visible above the JSON response. The main content area displays the following JSON configuration for an Elasticsearch node:

```
{
  "name" : "localhost",
  "cluster_name" : "docker-cluster",
  "cluster_uuid" : "6B0xG20oTDyP9aAcm1cV0Q",
  "version" : {
    "number" : "8.11.3",
    "build_flavor" : "default",
    "build_type" : "docker",
    "build_hash" : "64cf052f3b56b1fd4449f5454cb88aca7e739d9a",
    "build_date" : "2023-12-08T11:33:53.634979452Z",
    "build_snapshot" : false,
    "lucene_version" : "9.8.0",
    "minimum_wire_compatibility_version" : "7.17.0",
    "minimum_index_compatibility_version" : "7.0.0"
  },
  "tagline" : "You Know, for Search"
}
```

2. Sign-In and Sign-Up

Sign In Page

The screenshot shows a web browser window with the URL `localhost:3000/SignIn`. The page title is "SOCIALGPT". A purple lock icon is at the top left. Below it is a "Sign in" button. The main form has fields for "Username *" (containing "Soham") and "Password *". A dropdown menu titled "User Type" is open, listing "User", "Business Owner", "Guest", "Moderator", and "Admin". The "User" option is selected. The browser's address bar shows multiple tabs, and the system tray at the bottom indicates it's 4:46 PM on April 27, 2024.



The screenshot shows the sign-in page again, but this time the "User Type" dropdown is closed, and the "User" option is selected in the dropdown menu below it. The "Remember me" checkbox is checked. At the bottom of the form is a large blue "SIGN IN" button. Below the button are links for "Forgot password?" and "Sign Up".

Sign Up Page



🔒 Sign up

Username *

Password *

User Type

- User
- Business Owner
- Guest
- Moderator
- Admin

3. Homepage With Default Recommendation

Homepage with default recommendation based on user's current location and weather using Serp API.



AI-Curated Social Explorer

Dive into personalized venue discovery with our AI-powered platform, engineered to match you with the perfect dining and entertainment spots. Embrace a bespoke adventure, tailored precisely to your taste, history, and social preferences.

Search Places...

Enjoy Restaurants near You



Au Cheval

4.4 rating

Reviews: 8854



Boka

4.3 rating

Reviews: 1752



Aba

4.5 rating

Reviews: 1582

Recommendation based on search. E.g. – “Pizza” to display top pizza restaurants near you.



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Pizza

Search



Enjoy Restaurants near You



Pistores Pizza & Pastry

4.6 rating

Reviews: 99



Coalfire Pizza

4.3 rating

Reviews: 1216



Craft Pizza

4.3 rating

Reviews: 332

4. Plan My Day – Project Feature

Based on selected preferences, the recommendation engine will generate an itinerary.

Features for Social Discovery

Embrace the future of socializing with features that transform how you discover and enjoy places.

Plan A Day

Our AI-driven itinerary builder crafts your perfect day out, considering your preferences, local weather, crowd data, and even cultural events to deliver a unique adventure every time.

[Learn more >](#)

Get Suggestion on Keyword

Interact with our platform through natural language voice commands. Our responsive assistant is there to guide you, learn from your speech patterns, and provide spot-on recommendations.

[Learn more >](#)

Intelligent Chatbot

Engage with our smart chatbot that makes finding your next hangout spot as easy as having a conversation. It's built to understand your likes and offer suggestions that feel personally curated for you.

Plan a Day

Choose your preferences:

City —
Los Angeles ▾

Outdoor Activities
Hiking ▾

Indoor Activities
Movie maratho... ▾

Cultural Activities
Visiting art gal... ▾

Relaxation
Relaxing by th... ▾

Generate Plan

Generated Itinerary shown below:

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Plan Generated

Based on the preferences provided, here is a suggested plan for a day in Los Angeles:

Morning:

1. Start the day by going for a hike at one of the scenic outdoor locations in Los Angeles. You can choose from popular hiking spots such as Griffith Park, Runyon Canyon, or Eaton Canyon.

2. After the hike, visit an art gallery in the nearby area. Los Angeles is home to numerous art galleries, and you can explore options like The Broad, LACMA, or the Getty Center.

Afternoon:

[Back](#)

5. Get Recommendation on Keywords and Preferences – Feature

Based on keywords getting suggestions to user using Open Ai API and Serp API (Google Local API and Google Maps API is also used to locate places on map)

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[Learn more >](#)

Refined Searches, Better Choices

Customize your search by price, location, keyword, and category to find the ideal events and venues, from eateries to concerts, tailored just for you.

[Learn more >](#)

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Recommendation App

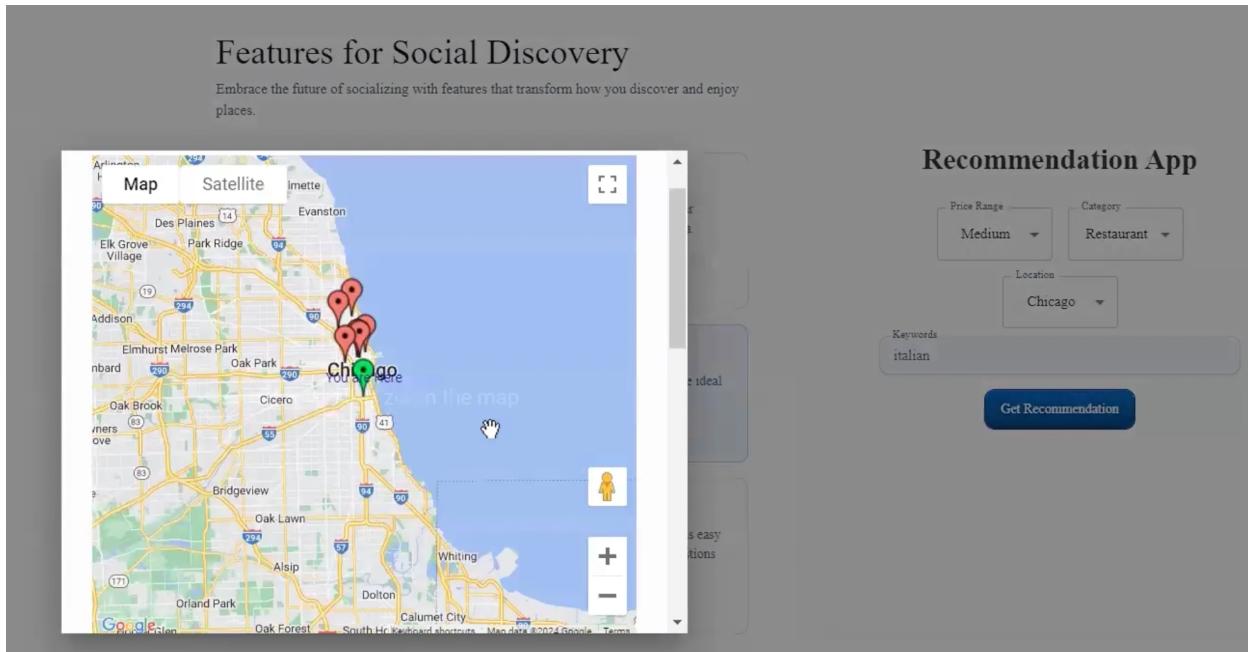
Price Range: Medium Category: Restaurant

Location: Chicago

Keywords: italian

[Get Recommendation](#)

Recommendation generated with all the necessary information like address, open and close time.



6. Smart Chatbot for Users – Feature

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Hello User! How can I help you today to enjoy your day? Ask me about restaurants, events etc

Sports near me

One option for a sports activity near you is to go to a local gym or fitness center. You can check out their schedule for group fitness classes or perhaps book a personal training session. Costs may vary depending on the facility and the type of activity you

Type message here

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hi things in new york

Day 1: Start your trip exploring iconic landmarks like Times Square, Central Park, and the Empire State Building. Use an unlimited MetroCard for \$33 per person for transportation. For accommodation, consider mid-range options like Holiday Inn or Hilton Garden Inn, averaging \$150-\$200 per night.

Day 2: Take a morning walk across the Brooklyn Bridge and visit the vibrant neighborhoods of DUMBO and

Type message here

7. Explore Events Near You

Default Event Suggestion based on search history, location, time, and weather.

SOCIALGENIA Features Events Reviews Create Post Articles Hi, Soham Logout Recommendation

Explore Events near you

Find the pulse of your city with personalized event recommendations that cater to your interests and lifestyle

Search here

Start now



Mike Birbiglia

The Chicago Theatre, 175 N State St
Comedian Mike Birbiglia will perform live at The Chicago Theatre on Apr. 26-27, 2024 [Link](#)



Billy Cobham's Crosswinds

Buy Billy Cobham's Crosswinds Project (21+ Event) in Chicago tickets from Vivid Seats for the concert on 04-28-2024 and shop with confidence thanks to our 100% Buyer Guarantee. [Link](#)



Chicago Pickle Fest

Chicago Pickle Fest is a Wrigleyville event that features pickle-related activities. The festival includes: Pickle cocktails and mocktails Pickleback shots Pickle-focused food menu Live music... [Link](#)



Windy City Smokeout

United Center, 1901 W Madison St
Windy City Smokeout, the nation's premier outdoor country music and BBQ festival, returns to Chicago's iconic United Center (1901 W. Madison Street) on July 11-14, 2024. The 2022 winner of the... [Link](#)



Windy City Smokeout 2024

Windy City Smokeout Festival, Chicago, IL, US Line-up: SATURDAY Windy City Smokeout Festival, Chicago, IL, US [Link](#)



Paul Oakenfold at The Piazz

Find tickets for Paul Oakenfold with Tsunami, DJ Cross, Mike Lang and 2 more at The Piazza in Aurora on 4/26/2024 at 8:00 PM [Link](#)

Auto Complete Feature: using Autocomplete API and recommendations by Open Ai

The screenshot shows the SocialGPT interface. At the top, there's a navigation bar with links for Features, Events, Reviews, Create Post, Articles, and a user profile with 'Hi, Soham' and 'Logout'. Below the navigation is a search bar with the placeholder 'Search'. A dropdown menu is open over the search bar, listing suggestions: 'movies', 'movies out now', 'movies near me', 'movies in theaters', and 'movies to watch'. Below the search area, there are three event cards. The first card is for 'Mike Birbiglia' at 'The Chicago Theatre' on April 26-27, 2024. The second card is for 'Billy Cobham's Crosswinds' at 'Reggies Chicago' on April 28, 2024. The third card is for 'Chicago Pickle Fest' at 'Old Crow Smokehouse - Wrigleyville' on April 28, 2024.

Explore Events near you

Find the pulse of your city with personalized event recommendations that cater to your interests and lifestyle

movies Start now

movies
movies out now
movies near me
movies in theaters
movies to watch

Mike Birbiglia
Comedian Mike Birbiglia will perform live at The Chicago Theatre on Apr. 26-27, 2024. [Link](#)

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Buy Billy Cobham's Crosswinds Project (21+ Event) in Chicago tickets from Vivid Seats for the concert on 04/28/2024 and shop with confidence thanks to our 100%.

Chicago Pickle Fest
Chicago Pickle Fest is a Wrigleyville event that features pickle-related activities. The festival includes: Pickle cocktails and mocktails Pickleback shots Pickle-focused

"Explore More" section dynamically getting updated based on the search string mentioned above.

The screenshot shows the 'Explore more' section on the SocialGPT website. It features a large black background with white text and small cards. The main title 'Explore more' is at the top, followed by the sub-instruction 'Explore more on Google and find the events that call to you.' Below this, there are six small cards arranged in a grid:

- movie hindi [more...](#)
- movies to watch [more...](#)
- movies free [more...](#)
- movie download [more...](#)
- movies theaters [more...](#)
- new movies [more...](#)

User will also get FAQs updated in the FAQ section based on the search string.

The screenshot shows a "Frequently asked questions" section on the SocialGenAI website. It contains four expandable items:

- What is the top 10 sport?
- What is the 20 most popular sports in the world?
- What are 7 sports?
- What is the 5 best sport?

8. Post & Comment Related Functionality

Users can create new posts.

The screenshot shows a "Create Post" interface. A success message is displayed: "localhost:3000 says Your post has been created successfully." An "OK" button is visible. The form fields are as follows:

- Title *: Our Ultimate List: 101 Travel Blog Post Ideas
- Image URL *: <https://thecontentpanel.com/wp-content/i>
- Content *:

Many variables can weigh on the mind of a traveler. Whether they are a frequent flyer who travels regularly or a family moving across the

A blue "SUBMIT" button is at the bottom of the form.

New post displayed successfully on the website.

The screenshot shows a travel blog interface with three main posts:

- Train rides** by Shivdeep (2024-04-27): A post about train rides with a photo of a steam train on a viaduct. It includes a comment section with "Reply to post" and "Show replies" buttons.
- Our Ultimate List: 101 Travel Blog Post Ideas** by Soham (2024-04-27): A post listing travel blog ideas with a photo of a train in autumn foliage. It includes a comment section with "Reply to post" and "Show replies" buttons.
- Engaging Travel Blog Post Ideas For Inspiration** by John (2024-04-27): A post about engaging travel blog ideas with a photo of a person filming a city skyline. It includes a comment section with "Reply to post" and "Show replies" buttons.

Users can add comment manually as shown below.

A user has added a manual comment to the "Train rides" post:

Nice post

Submit Cancel

The comment is visible in the comment section of the post page.

Users can add AI generated comment.

An AI-generated comment has been added to the "Train rides" post:

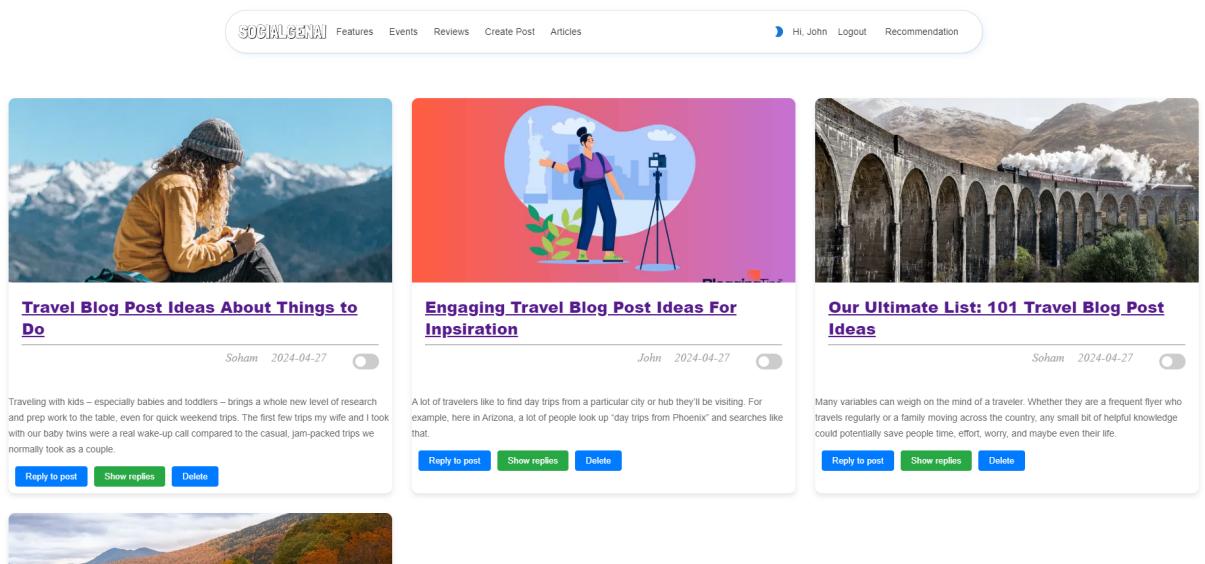
Romantic and nostalgic journeys: Shivdeep
• Nice post: Soham

timeless and romantic travel.

Submit Cancel

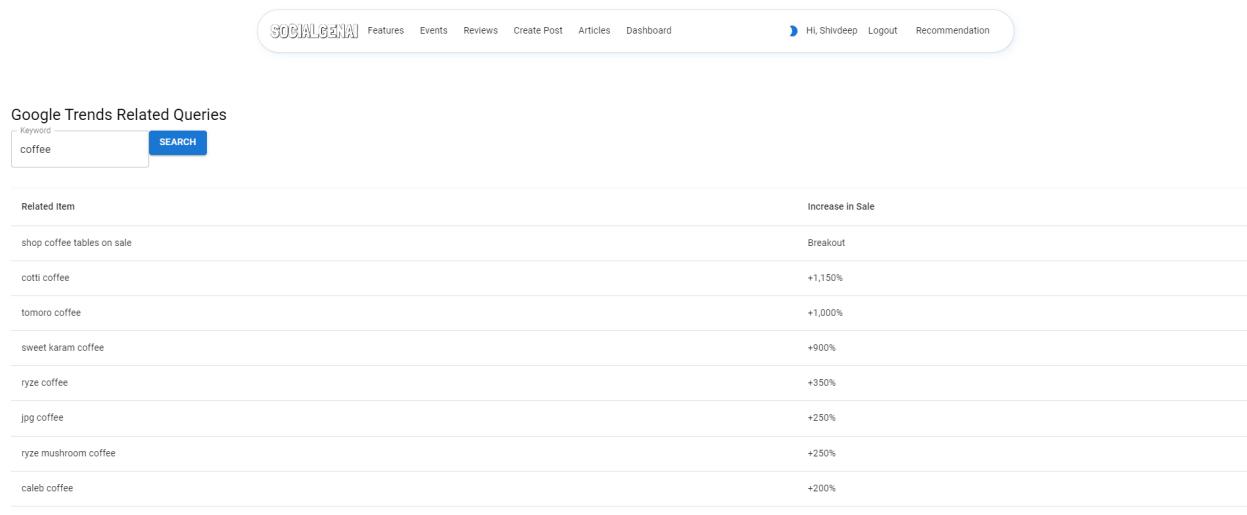
The AI-generated comment is visible in the comment section of the post page.

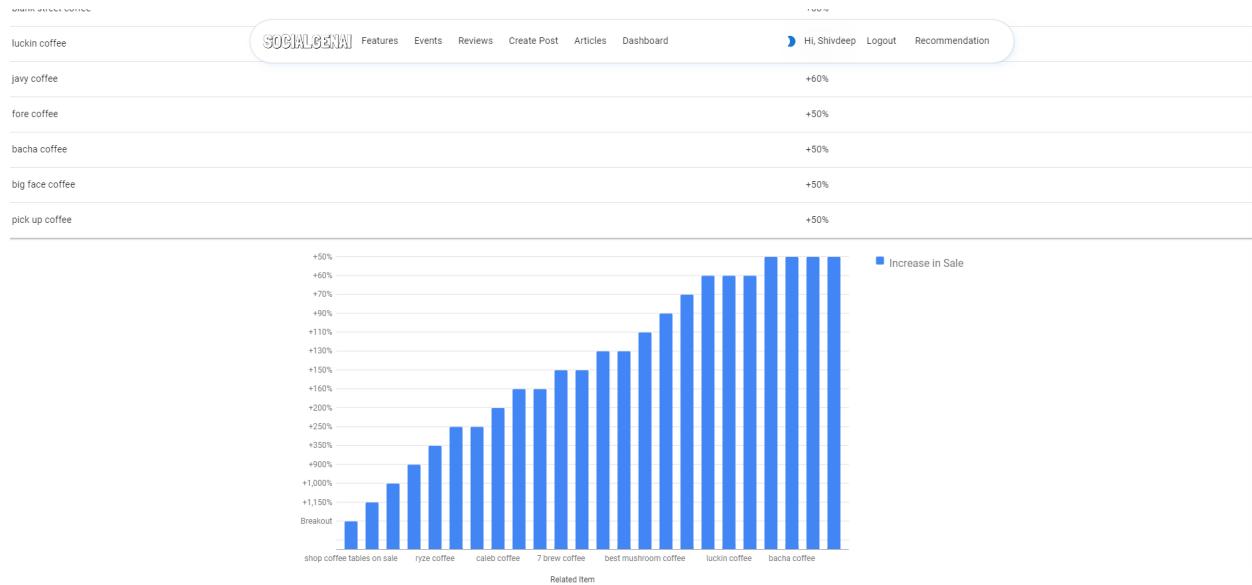
Moderators can delete the post which violated the website guidelines.



9. Analytics Dashboard using Google Charts API – Feature

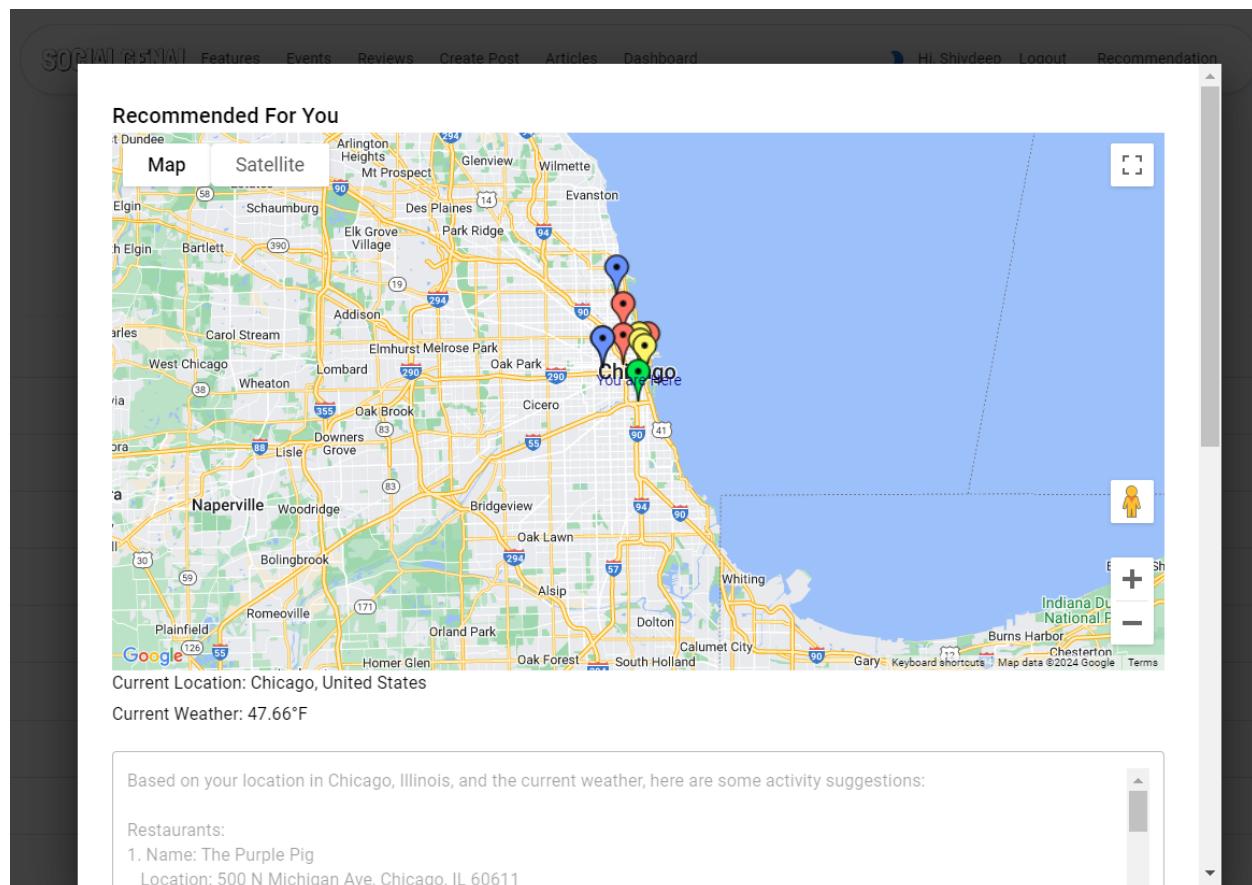
Business owners can only view the dashboard which will show business related result and sales trend based on keyword.





10. Geo Spatial Recommendation System

Recommendation to user based on current location, weather and using Serp API.



Current Location: Chicago, United States
 Current Weather: 47.66°F

3. Name: Lou Malnati's Pizzeria
 Location: 1120 N State St, Chicago, IL 60610
 Description: Lou Malnati's is another beloved Chicago pizzeria famous for its deep-dish pizza and buttery crust.

Sports Events:
 1. Name: Chicago Bulls vs. Milwaukee Bucks
 Location: United Center, Chicago, IL
 Description: Catch an exciting NBA basketball game between the Chicago Bulls and the Milwaukee Bucks at the United Center.

Restaurant Name	Open Hours
Giordano's	Closed · Opens 11:30 a.m.
Portillo's	Open · Closes 9:30 PM
Lou Malnati's Pizzeria	Open · Closes 11 PM

Event Name	Open Hours
Chicago Bulls vs. Milwaukee Bucks	Open · Closes 9:30 PM

11. Dark Mode

SOCIALGENAI Features Events Reviews Create Post Articles Hi, John Logout Recommendation

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Au Cheval

4.4 rating

Reviews: 8854

BOKA

4.3 rating

Reviews: 1752

Bavette's Bar & Boeuf

4.5 rating

Reviews: 3135